

# Wrangling, Analyzing, and Visualizing Feed the Future Data



Project Title	Wrangling, Analyzing, and Visualizing Feed the Future Data
Project Summary	Are you interested in data science and data storytelling? Assist the USAID Bureau for Food Security Monitoring, Evaluation, and Learning team with data wrangling, analysis, and visualization projects, and help us come up with innovative and creative ways to tell the Feed the Future story.
Country	United States

## Project Description

Working closely with the Bureau For Food Security’s Monitoring, Evaluation, and Learning team, the e-Intern will get to apply their skills to data on poverty, hunger, and women’s empowerment. Tasks performed by the e-intern will contribute to enhancing the utility of Feed the Future data by implementing components of the data science pipeline. The e-intern will have the opportunity to work with USAID internal and external datasets; learn about and apply best practices for manipulating data and creating analyzable datasets; glean meaningful insights from the data; share creative ways to visualize findings; and contribute to communicating Feed the Future’s progress on reducing hunger, malnutrition, and poverty in the areas where we work.

Illustrative tasks:

Database queries and cleaning

Data ingestion and wrangling

Data exploration and descriptive analyses

Documenting best practices to wrangle data and conduct basic analyses

Visualizing data

Preparing briefs with findings

## Required Skills or Interests

Skill(s)

Data analysis

Data visualization

Writing

## Additional Information

The ideal candidate will have experience with data science analytic and visualization tools; familiarity with development data such as agricultural and socio-economic data that Feed the Future uses to report on indicators such as poverty and hunger. Prior experience with R or Python or similar open source modern data manipulation and visualization tools such as D3, team development best practices using version control (such as git) and Excel. Excellent writing/communication skills. Experience with Tableau, Plotly, and/or similar tools (e.g., for mapping, ArcGIS) desirable.

Projects may arise on an intermittent basis as opposed to there being specific tasks to be completed during a set number of hours every week. We understand that your availability may not be uniform throughout the year, but hope you can contribute to projects as they develop.

Learn more about Feed the Future at [feedthefuture.gov](http://feedthefuture.gov).

## Language Requirements

*None*